

Title (en)

MOULD DEVICE FOR A ROTATIONAL MOULDING DEVICE

Title (de)

FORMVORRICHTUNG FÜR EINE ROTATIONSFORMVORRICHTUNG

Title (fr)

DISPOSITIF DE MOULE POUR UN DISPOSITIF DE MOULAGE PAR ROTATION

Publication

**EP 3526001 A1 20190821 (EN)**

Application

**EP 17793846 A 20171012**

Priority

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- EP 2017076090 W 20171012

Abstract (en)

[origin: WO2018069459A1] The invention provides a mould device (1) for use in a rotational moulding device (33) wherein a rotational moulding process is performed by rotating the mould device (1) by means of a robot arm (34). The mould device (1) comprises a connector part (27) for connecting to the robot arm, mould parts (2, 3, 4) provided for being assembled to each other and for enclosing a mould cavity (5) in an assembled state, attachment means (17, 26) for attaching the mould parts (2, 3, 4) in a releasable manner to each other, and heating means and cooling means integrated on at least one of the mould parts (2, 3, 4) for respectively heating and cooling the respective mould part (2, 3, 4). The heating means comprise heating elements (12) arranged in first grooves (8) provided in or on the exterior face (7) of the respective mould part (2, 3, 4). The cooling means comprise cooling elements (14) arranged in second grooves (9) provided in or on the exterior face (7) of the respective mould part (2, 3, 4) in between the first grooves (8).

IPC 8 full level

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Citation (search report)

See references of WO 2018069459A1

Cited by

IT202100029543A1; CN115026983A; WO2023031982A1; WO2023031981A1

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